

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method of configuring a radio link between a first device and a second device, each of the first device and the second device comprises radio means, and wherein at least one of the first device and the second device comprises proximity detection means and timing means, wherein said method comprises the acts of:

detecting proximity between the first device and the second device when the first device and the second device are within a predetermined distance of each other,

detecting a duration of the proximity of the first device and the second device to each other, and

establishing the link in response to the duration exceeding a predetermined duration and the link is not already established.

Claims 2-3 (Canceled)

4. (Previously Presented) The method as claimed in claim 1, wherein said predetermined duration is between substantially two and ten seconds.

5. (Previously Presented) The method as claimed in claim 1, wherein said predetermined duration is about 2 seconds.

6. (Previously Presented) The method as claimed in claim 1, further comprising the act of exchanging identifiers of the first device and the second device, wherein said identifiers are pre-installed radio identifiers.

7. (Previously Presented) The method as claimed in claim 1, further comprising the act of exchanging identifiers of the first device and the second device, wherein said identifiers are randomly generated radio identifiers.

8. (Previously Presented) The method as claimed in claim 1, further comprising the act of indicating a configuration status of the link.

9. (Previously Presented) A system having devices including a first radio device and a second radio device comprising radio means operable to communicate via a configurable radio link therebetween, and wherein at least one of said devices comprises proximity detection means for detecting proximity between the first radio device and the second radio device when said devices are within a predetermined distance of each other, and timing means for detecting duration of said proximity, and wherein said radio means establish the radio link in response to the duration exceeding a predetermined duration and the radio link is not already established.

10. (Previously Presented) The system as claimed in claim 9, wherein said first and second device are adapted to physically connect with respective host apparatus and wherein said apparatus communicate with one another via said configurable radio link.

11. (Previously Presented) A radio device operable to communicate via a configurable radio link with a further device, the radio device comprising proximity detection means for detecting proximity between the radio device and the further device when the radio device and the further device are within a predetermined distance of each other, timing means for detecting duration of said proximity, and radio means for establishing the radio link in response to the duration exceeding a predetermined duration and the radio link is not already established.

12. (Previously Presented) The radio device as claimed in claim 11, wherein said proximity detection means comprises a reed switch and magnet.

13. (Previously Presented) The radio device as claimed in claim 12, wherein said magnet has insufficient field strength to operate said reed switch and wherein said switch and magnet are arranged such that some of the magnetic field lines emanating from the magnet are perpendicular to the direction in which the switch

closes.

14. (Previously Presented) The radio device as claimed in claim 12, wherein said magnet has sufficient field strength to operate said reed switch, and wherein said reed switch and magnet are arranged such that the magnetic field lines emanating from the magnet are substantially parallel to the direction in which the switch closes.

15. (Previously Presented) The radio device as claimed in claim 13, wherein said timing means comprises a micro-controller connected with said proximity detection means.

16. (Previously Presented) The radio device as claimed in claim 15, wherein said radio means comprises a digital transceiver controlled by said micro-controller.

17. (Previously Presented) The radio device as claimed in claim 11, the device being further adapted to physically connect with a host apparatus and provide and receive data to and from said

host apparatus.

Claim 18 (Canceled)

19. (Previously Presented) The method of claim 1, further comprising the act of removing the link if the link is already established.

20. (Previously Presented) The system of claim 9, wherein said radio means remove the radio link if the radio link is already established.

21. (Previously Presented) The system of claim 11, wherein said radio means remove the radio link if the radio link is already established.

22. (Previously Presented) A method of configuring a radio link between a first device and a second device comprising the acts of:

detecting proximity between the first device and the second

device when the first device and the second device are within a predetermined distance of each other;

detecting a duration of the proximity of the first device and the second device to each other; and

establishing the radio link in response to the duration exceeding a predetermined duration.

23. (Previously Presented) A system comprising:

a first device; and

a second device for communicating with the first device via a radio link;

wherein at least one of the first device and the second device comprises:

a proximity detector configured to detect proximity between the first device and the second device when the first device and the second device are within a predetermined distance of each other; and

a timer configured to detect duration of the proximity;

wherein the radio link is established in response to the duration exceeding a predetermined duration.

24. (Previously Presented) A radio device operable to communicate via a radio link with a further device, the radio device comprising:

a proximity detector configured to detect proximity between the radio device and the further device when the radio device and the further device are within a predetermined distance of each other;

a timer configured to detect duration of the proximity; and

a transceiver for establishing the radio link in response to the duration exceeding a predetermined duration.

25. (Previously Presented) The radio device of claim 24, wherein the proximity detector comprises a reed switch and magnet, the reed switch being positioned substantially perpendicular to magnetic field lines emanating from the magnet, wherein the magnet has insufficient field strength to operate the reed switch so that the reed switch is not operated by the magnetic field lines substantially perpendicular to the reed switch.



26. (Previously Presented) The radio device of claim 24, wherein the proximity detector comprises a reed switch and magnet, the magnet having sufficient field strength to operate the reed switch, wherein the reed switch is positioned substantially parallel to magnetic field lines emanating from the magnet so that the reed switch is not operated by the magnetic field lines substantially parallel to the reed switch.

27. (Previously Presented) The radio device of claim 24, wherein the proximity detector comprises a reed switch and magnet, the reed switch being activated by a further magnet of the further device with the further device is within the predetermined distance, wherein the reed switch is connected to the timer for determination of duration of activation of the reed switch and establishment of the radio link in response to the duration of activation exceeding the predetermined duration.